

Customer No.: 31561
Application No: 10/604,129
Docket No.: 10963-US-PA

Claim Amendment

Please amend the claims according to the following listing of claims and substitute it for all prior versions and listings of claims in the application.

1. (currently amended) A ~~liquid-crystal~~ panel carrier, at least comprising:

a box, wherein the interior lateral surfaces of the box have a plurality of cannelures and the interior of the box further comprises a bottom surface with cannelures thereon; and

a plurality of attaching elements, wherein the two ends of each attaching element are inserted into any of the corresponding cannelures on two opposing interior lateral surfaces to partition the interior of the box into compartments of various sizes.
2. (cancelled)
3. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 21, wherein the cannelures have a saw-tooth-like profile.
4. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 3, wherein each attaching element has a saw-tooth-like profile that matches the saw-tooth-like cannelures on the interior surface of the box.
5. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 1, wherein the interior lateral surface of the box furthermore comprises a plurality of dovetail grooves.

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6. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 5, wherein one lateral surface of the attaching elements has a plurality of clamping sections for engaging with corresponding dovetail grooves in the interior of the box.

7. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 6, wherein the clamping section comprises a crow-footed base.

8. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 1, wherein the two lateral surfaces of the attaching elements have a plurality of protruding edges such that any pair of neighboring protruding edges constitutes an ~~insertion~~ slot for accommodating a ~~liquid-crystal~~ panel.

9. (currently amended) ~~The liquid-crystal~~ A panel carrier of claim 1 at least comprising:
a box, wherein the interior lateral surfaces of the box have a plurality of cannellures;
and
a plurality of attaching elements, wherein the two ends of each attaching element are
inserted into any of the corresponding cannellures of two opposing interior lateral surfaces, and
~~wherein only one~~ of lateral surfaces of the attaching elements has a plurality of protruding
edges such that any pair of neighboring protruding edges constitutes an ~~insertion~~ slot for
accommodating a ~~liquid-crystal~~ panel.

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10. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 9, wherein the other lateral surface of the attaching elements has a plurality of clamping sections for engaging with corresponding cannellures on the interior surfaces of the box.

11. (currently amended) The ~~liquid-crystal~~ panel carrier of claim 1, wherein the box is fabricated using a material harder than the attaching elements.

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